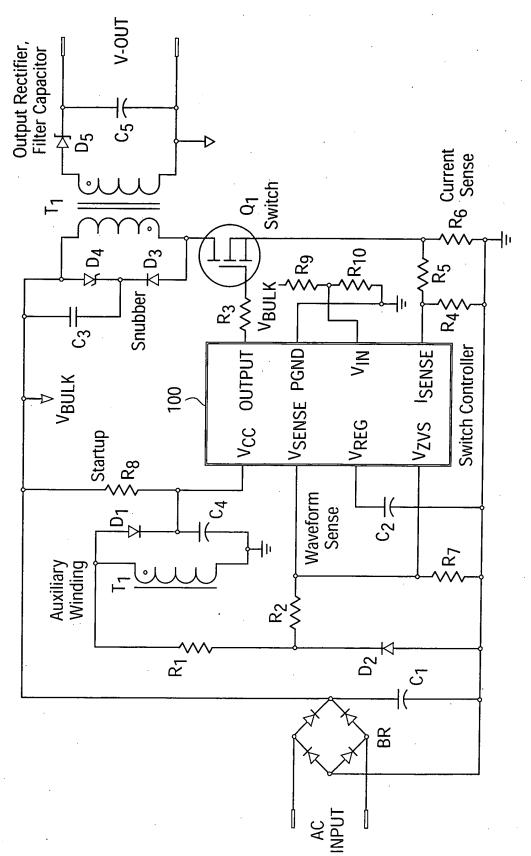


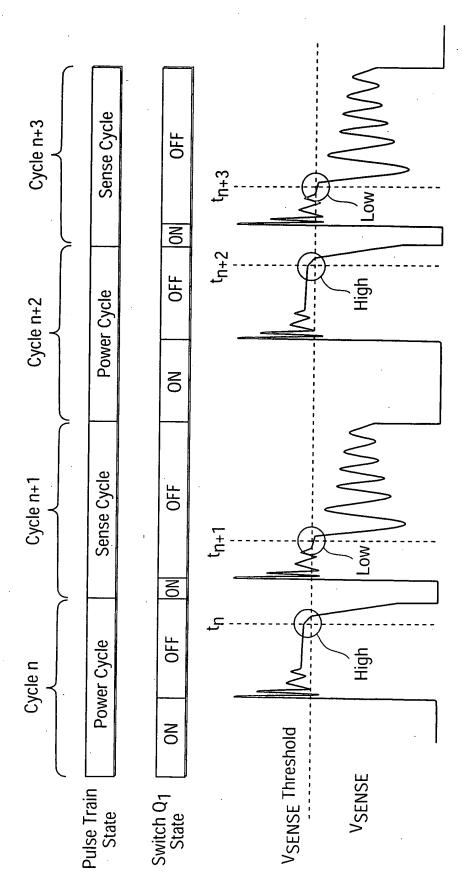
REPLACEMENT SHEET
Title: Power Converter Controller Having Event
Generator for Detection of Events and
Generation of Digital Error
Inventors: Mark D. Eason, et al.
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REPLACEMENT SHEET

Title: Power Converter Controller Having Event Generator for Detection of Events and

Generation of Digital Error Inventors: Mark D. Eason, et al. Application No.: 10/735,211 Sheet 2 of 10



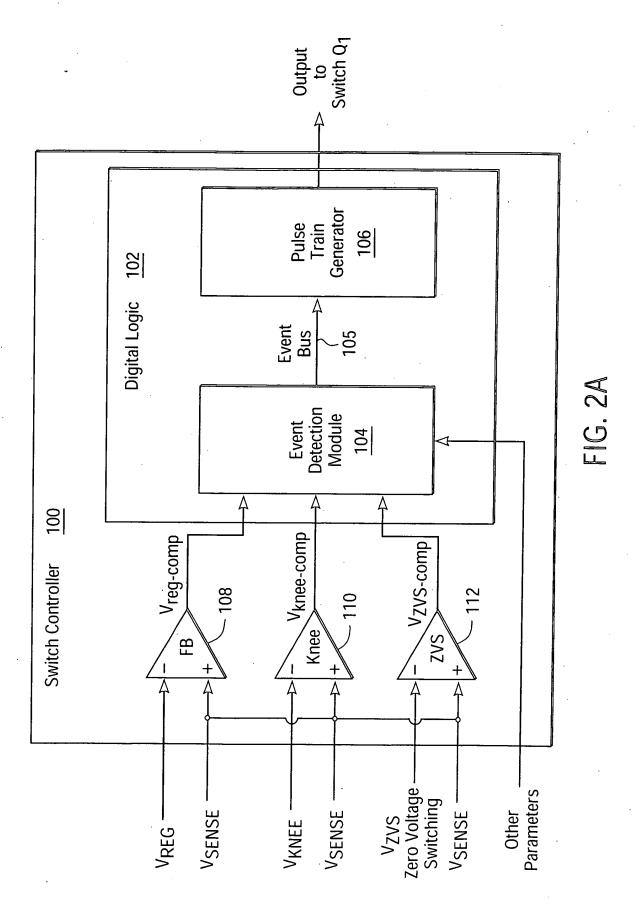
VSENSE is measured at a point near the end of the OFF period. This voltage is compared to the VSENSE threshold. If it is higher, the next cycle is a sense cycle. Otherwise, the next cycle is a power cycle.

REPLACEMENT SHEET

Title: Power Converter Controller Having Event
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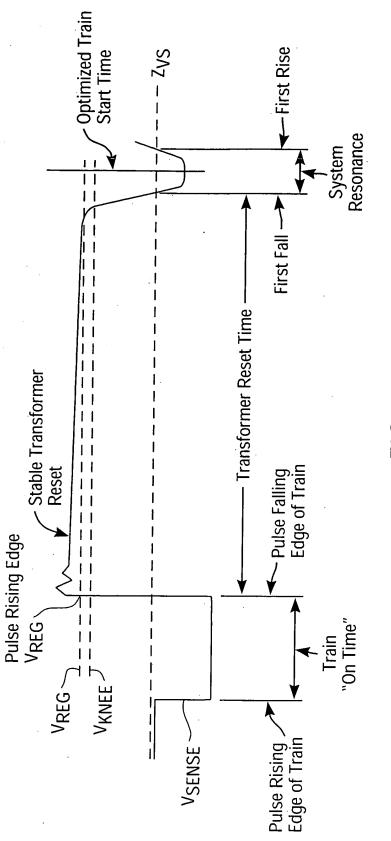
Inventors: Mark D. Eason, et al.
Application No.: 10/735,211

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REPLACEMENT SHEET
Title: Power Converter Controller Having Event

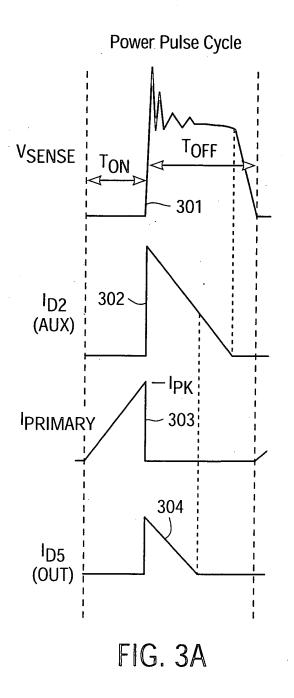
Generator for Detection of Events and Generation of Digital Error Inventors: Mark D. Eason, et al. Application No.: 10/735,211 Sheet 4 of 10



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Power Pulse Cycle -305 TOFF TON V_{SENSE} I_{D2} (AUX) 306 **IPK IPRIMARY** - 307 I_{D5} (OUT) 308 FIG. 3B

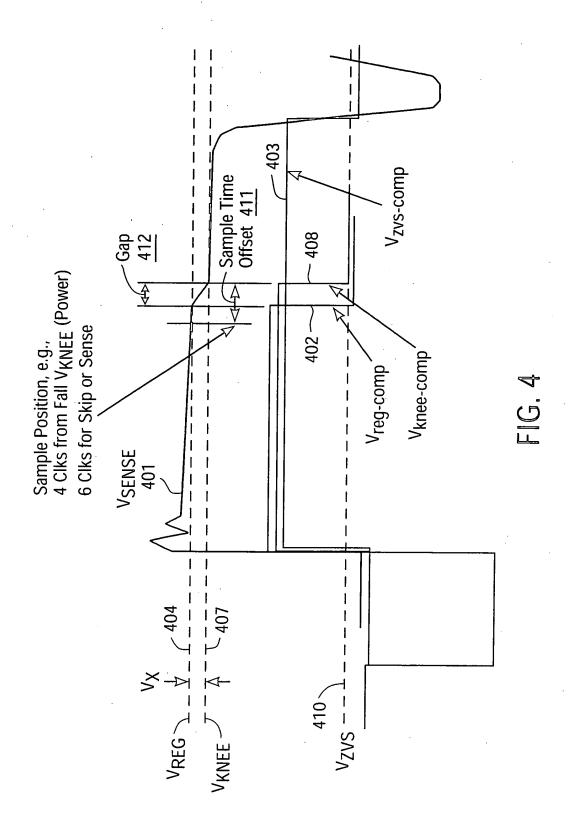
REPLACEMENT SHEET

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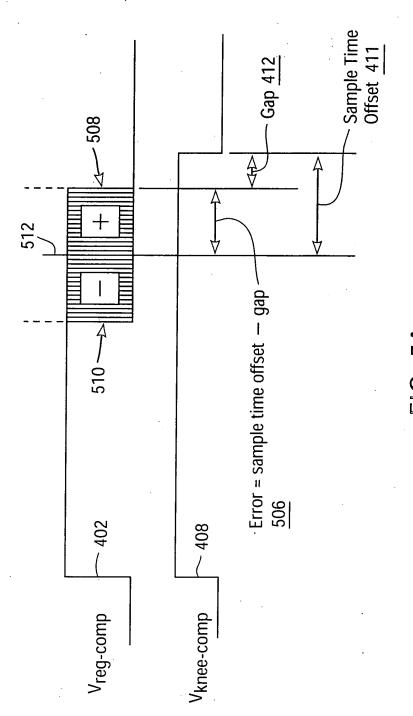
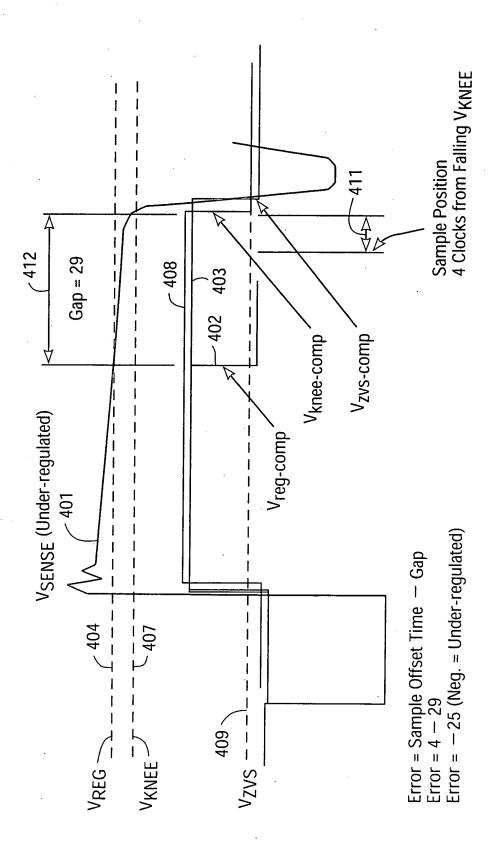


FIG. 5A

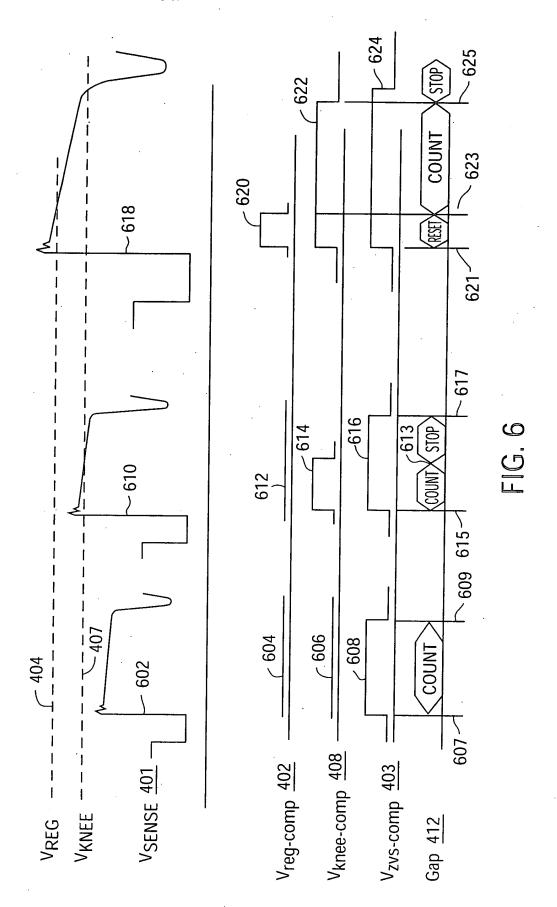
REPLACEMENT SHEET
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Generator for Detection of Events and

Generation of Digital Error Inventors: Mark D. Eason, et al. Atty. Docket No.: 23516-07980 Sheet 10 of 10

